

**SAS Superstructure**

Location: 04-SF-80-13.2 / 13.9

Client Name: CalTrans

Run date 21-Nov-14

Time 11:06 PM

Daily Diary Report by Bid Item

Contract No.: 04-0120F4

Diary #: 661 Const Calendar Day: 93 Date: 05-Sep-2012 Wednesday

Inspector Name: Bruce, Matt Title: Transportation Engineer

Inspection Type: Intermittent

Shift Hours: 07:00 am 05:30 pm Break: 00:30 Over Time: 02:00

Federal ID:

Location:

Reviewer: Schmitt, Alex

Approved Date:

Status: Submit

**04-0120F4
04-SF-80-13.2/13.9
Self-Anchored
Suspension Bridge****Weather****Temperature** 7 AM 50 - 60 12 PM 50 - 60 4PM 50 - 60**Precipitation** 0.00"**Condition** Overcast to partly overcast w/light drizzleWorking Day ☐ If no, explain:**Diary:**

Dispute

Work description.

- Continued to compile, check, and analyze the survey data taken last week for the additional points requested by TY-Lin regarding the Hinge A pipe beam scan. This survey is critical for deciphering the current position of the SAS and Skyway bridge decks for the final alignment of the pipe beams at this seismic hinge. Plotted the points in Caice and began to draw the diagram for the seismic joint corner point offsets.

**04-0120F4 Bid Item: 067 C-PWS-TCB.067 Tension Cable Band Bolt**

AMERICAN BRIDGE/FLUOR, A JV

Labor

Trade	Class	Name	RT Hrs	OT Hrs	DT Hrs	Total	Remarks	Dispute
Contractor: AMERICAN BRIDGE/FLUOR, A JV								
Ironworker	JNM	BRIAN LARSON	5.00	0.00	0.00	5.00		<input type="checkbox"/>
Ironworker	JNM	RYAN DUSKIN	5.00	0.00	0.00	5.00		<input type="checkbox"/>
Ironworker	APP	MORRIS ROBERSON	5.00	0.00	0.00	5.00		<input type="checkbox"/>
Ironworker	JNM	LUIS PLANCARTE	5.00	0.00	0.00	5.00		<input type="checkbox"/>
Ironworker	FOR	KEVIN KARBER	5.00	0.00	0.00	5.00		<input type="checkbox"/>

Diary:

Dispute

Work description. 067 C-PWS-TCB.067

- Stressed all of the bolts in cable bands 84S to 64S on the South Mainspan during Phase 1/Step 1d of load transfer. This operation may be included in a possible CCO not yet determined. The stressing equipment was mobilized near cable band 62S for tomorrows operation. See Rob Feather's diary for additional details of the stressing operation this morning as he observed the operation and took measurements up until 10:00am, which is when I took over inspection duties. The ABF ironworkers used Boltight pump number 63622/2222000136 coupled with gauge number 10904917/24 for todays stressing operation. Similarly the following Boltight jacks were used for todays operation:

1513, 1514, 4037,4039, 4041, 4044, 4046, 4047, 4053, 4055, 4058, 4061, 4063,
4064

Per the required cable band Load Transfer checklist; cable band gaps, cable circumference adjacent to the cable band, cable band slip, and suspender rope measurements were taken after the cable band bolts were stressed a total of 3 times to a pressure of 19,343psi. It should be noted that the ABF ironworkers would report the cable band gaps on the top of the cable band where myself and Rob would be responsible for measuring the uphill and downhill gaps of the bottom of the cable band. There was nothing out of the



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Job Name: 04-0120F4

Inspector Name Bruce, Matt

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ordinary to be noted today while observing the stressing operation.

Attachment



Stressing operation to essentially pull a South Mainspan suspender rope with sockets closer to the OBG deck bracket.



A forklift was being used to position a friction clamp bracket prior to jacking to ensure that the tie rods are straight mitigating P-Delta effects.



Caltrans inspectors seen measuring the remaining jacking length of a South Mainspan suspender rope.



ABF ironworker crew stressing a cable band on the South Mainspan.